

L# ANSWER 49 OF 419 CAPLUS COPYRIGHT 2002 ACS

AN 2000:289264 CAPLUS

DN 132:280875

TI Manufacture of N-methylpyrrolidone

IN Adam, Victor; Bancila, Virgiliu; Deliu, Ion; Stefanescu, Cornel; Vaideanu, Nicusor

PA S.C. Chimcomplex S.A. Borzesti, Onesti, Rom.

SO Rom., 5 pp.

CODEN: RUXXA3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

PI	RO 111189	B1	19960730	RO 1995-1447	19950807
----	-----------	----	----------	--------------	----------

AB N-Methylpyrrolidone is prepd. by reaction of .gamma.-butyrolactone with MeNH₂, followed by cyclization of the 4-hydroxy-N-methylbutyramide, in homogeneous liq. phase with a .gamma.-butyrolactone-MeNH₂-H₂O ratio of 1:1.22:2.1 at vol. velocity of 0.0075-0.085 h⁻¹, a pressure of 2x10⁴xN/m² at 40-50.degree. in the first stage and at 280-290.degree., pressure 9-10x10⁴xN/m² and vol. velocity 0.38-0.40 h⁻¹ in the second stage.

IC ICM C07D207-12

DT Patent

LA Romanian